



FEMA



Prepared by:
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FEMA Region 6 Weather Threat Briefing

Thursday, July 5, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Isolated strong to severe storms with damaging winds possible for central & southern LA into extreme SE TX.
- Isolated heavy rainfall/flash flooding N Central NM.
- Isolated dry thunderstorms NWNM.
- Isolated river flooding SE TX.

Friday

- Isolated heavy rainfall/flash flooding N Central NM.

Saturday – Monday

- No significant weather is expected.

Tropical Outlook

- Showers and thunderstorms associated with a weak trough of low pressure located a few hundred miles southwest of Bermuda remains disorganized. Environmental conditions are still conducive for some development before the end of the week while the system moves west-northwestward and then northward between Bermuda and the east coast of the United States. The disturbance is then forecast to interact with a frontal system on Sunday, which should limit any additional development.
 - Formation chance through 48 hours...low...30 percent.
 - Formation chance through 5 days...medium...40 percent.
- Satellite images indicate that the shower activity associated with a small area of low pressure and a tropical wave located between the Cabo Verde Islands and the Lesser Antilles remains well organized, and a tropical depression could form at any time soon. This disturbance is forecast to move westward or west-northwestward at 15 to 20 mph over the tropical Atlantic Ocean. *However, in a few days, the upper-level winds are forecast to become unfavorable, and the system is expected to degenerate into a trough of low pressure before it approaches the Lesser Antilles.*
 - Formation chance through 48 hours...high...70 percent.
 - Formation chance through 5 days...high...70 percent.
- No significant impacts to FEMA Region 6 expected at this time.

FEMA Region 6 Threat Matrix

July 5, 2018 – July 9, 2018



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DAY /THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	Central & Southern LA into extreme SETX				
Heavy Rain / Flash Flooding	Isolated Heavy rainfall N Central NM	Isolated Heavy rainfall N Central NM			
Fire Weather	Isolated Dry Tstorms NW NM				
Tropical Weather					
River Flooding	Isolated River Flooding SETX				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status

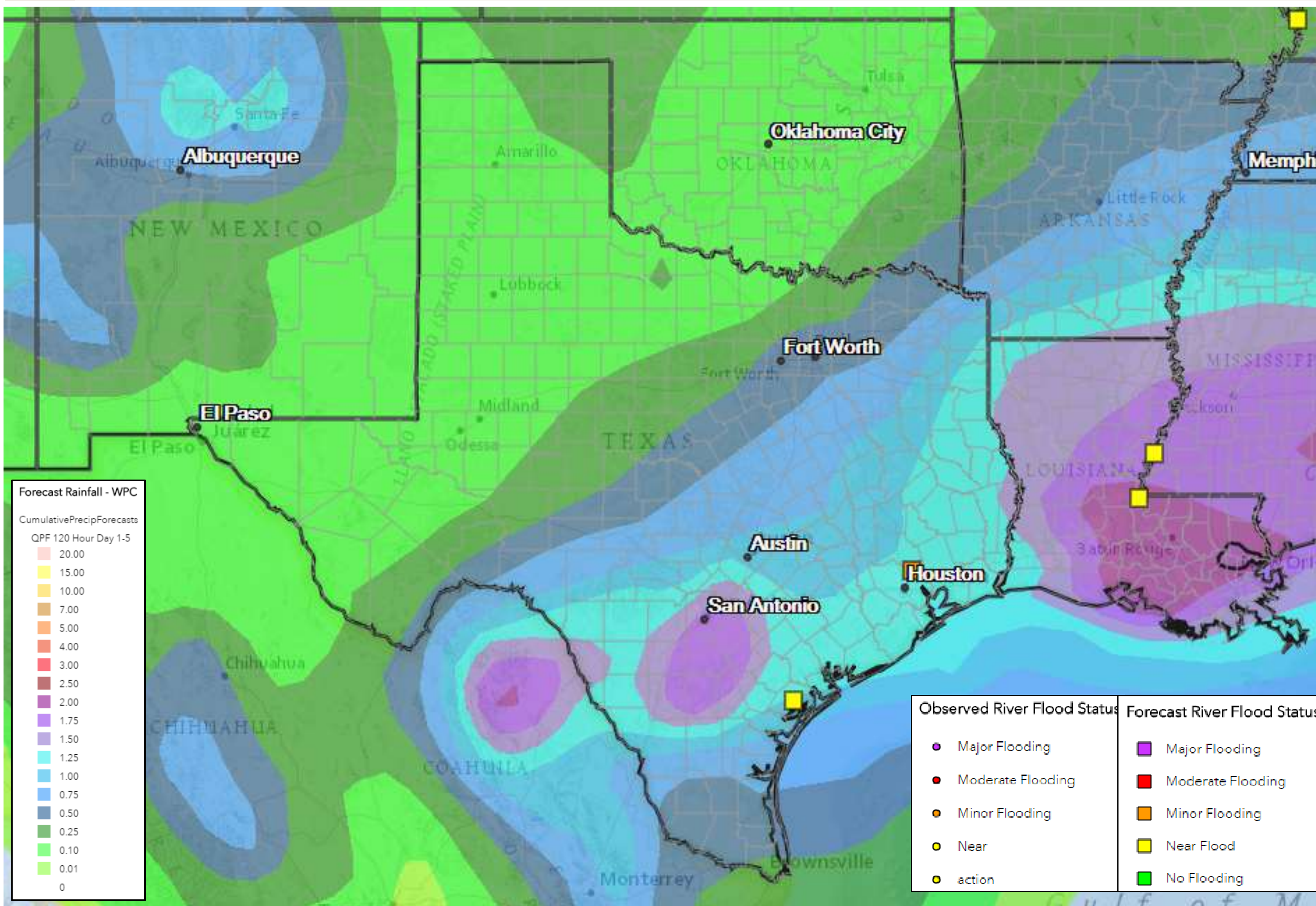


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

**Heavy rain threat has ended.
Action stage to minor flooding
on Houston Bayous and San
Jacinto River.**

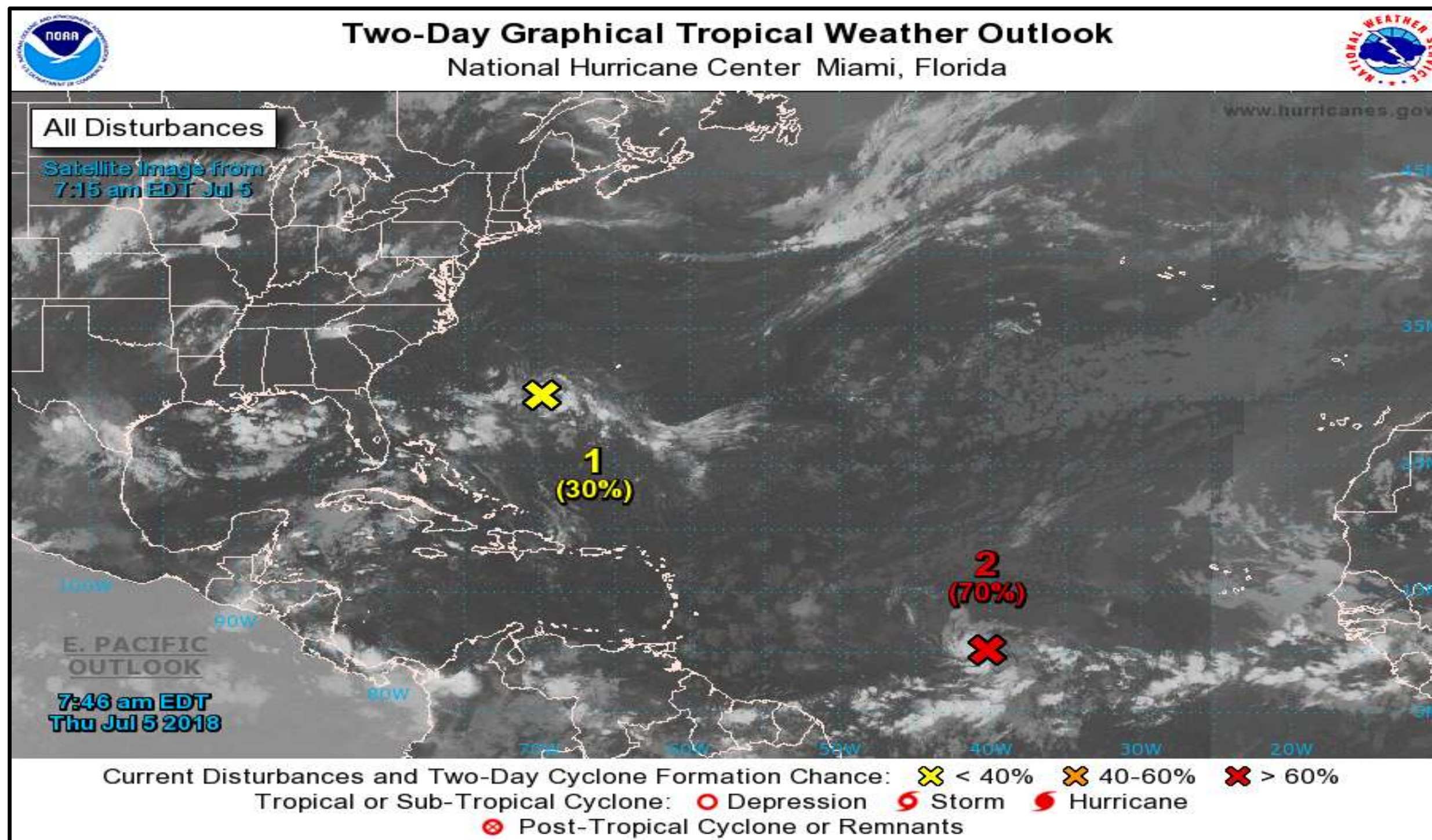
**Additional rainfall up to 1 inch is
forecast for SE TX.**



Tropical Weather Outlook – Atlantic/Gulf



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Location 1:

Formation chance through 48 hours...low...30 percent.

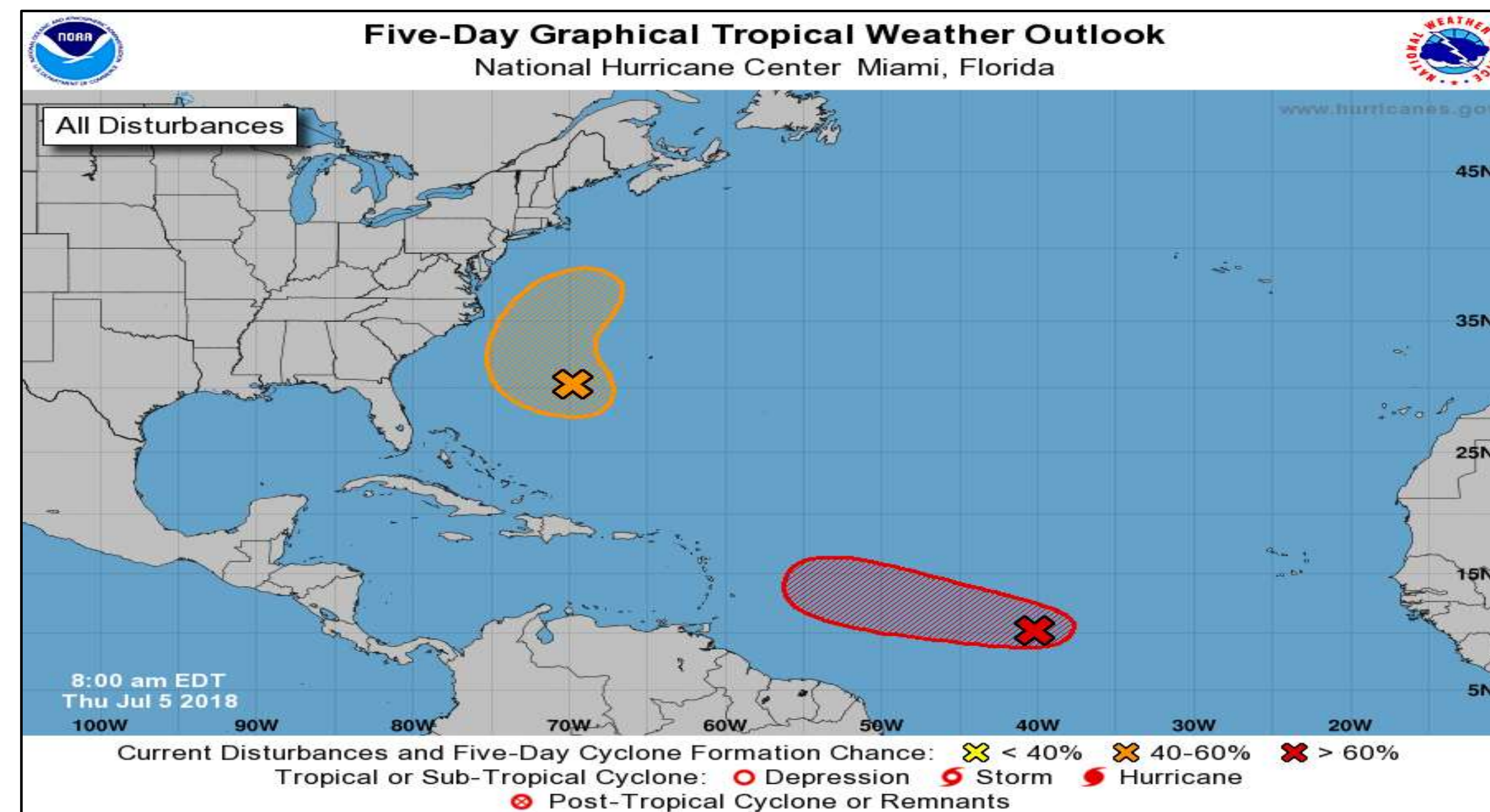
Formation chance through 5 days...medium...40 percent.

Location 2:

Formation chance through 48 hours...high...70 percent.

Formation chance through 5 days...high...70 percent

No impacts to FEMA 6 are expected.

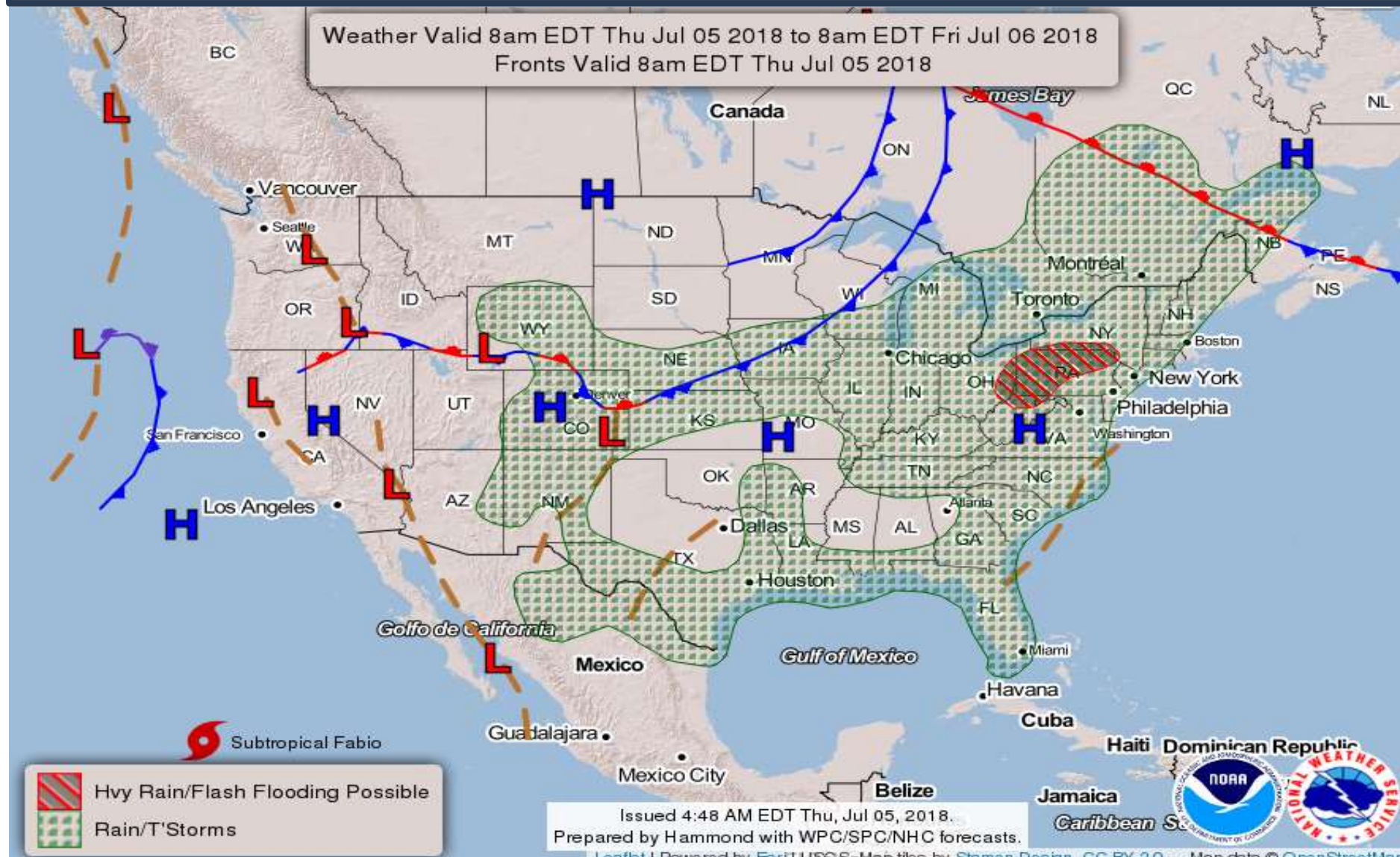


Today's Weather



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Forecast Chart



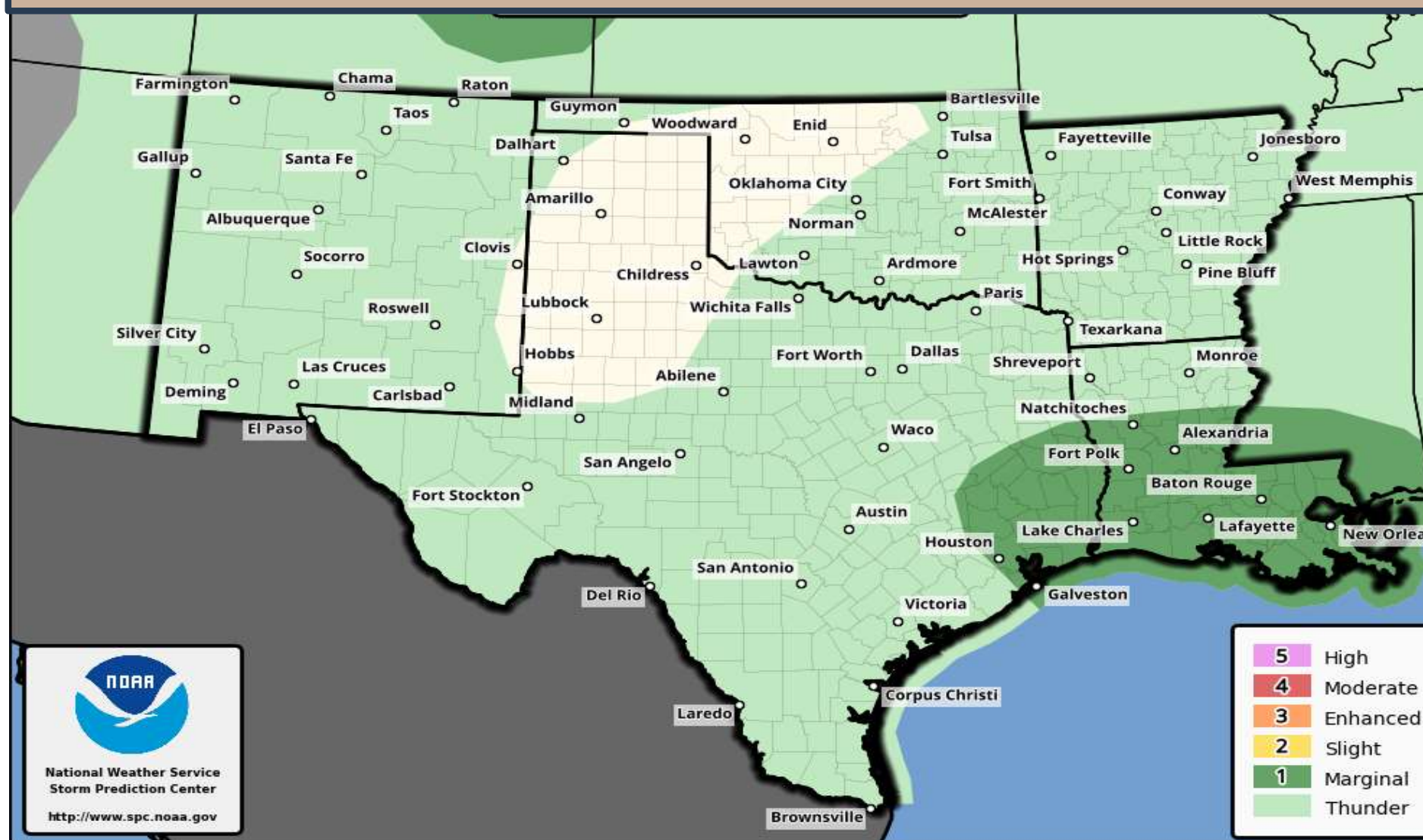
Forecast Rainfall



Isolated strong to severe storms with locally damaging winds possible for central and southern LA into extreme SE TX.

Isolated heavy rainfall possible North Central NM.

Severe Weather Outlook



Excessive Rainfall Outlook

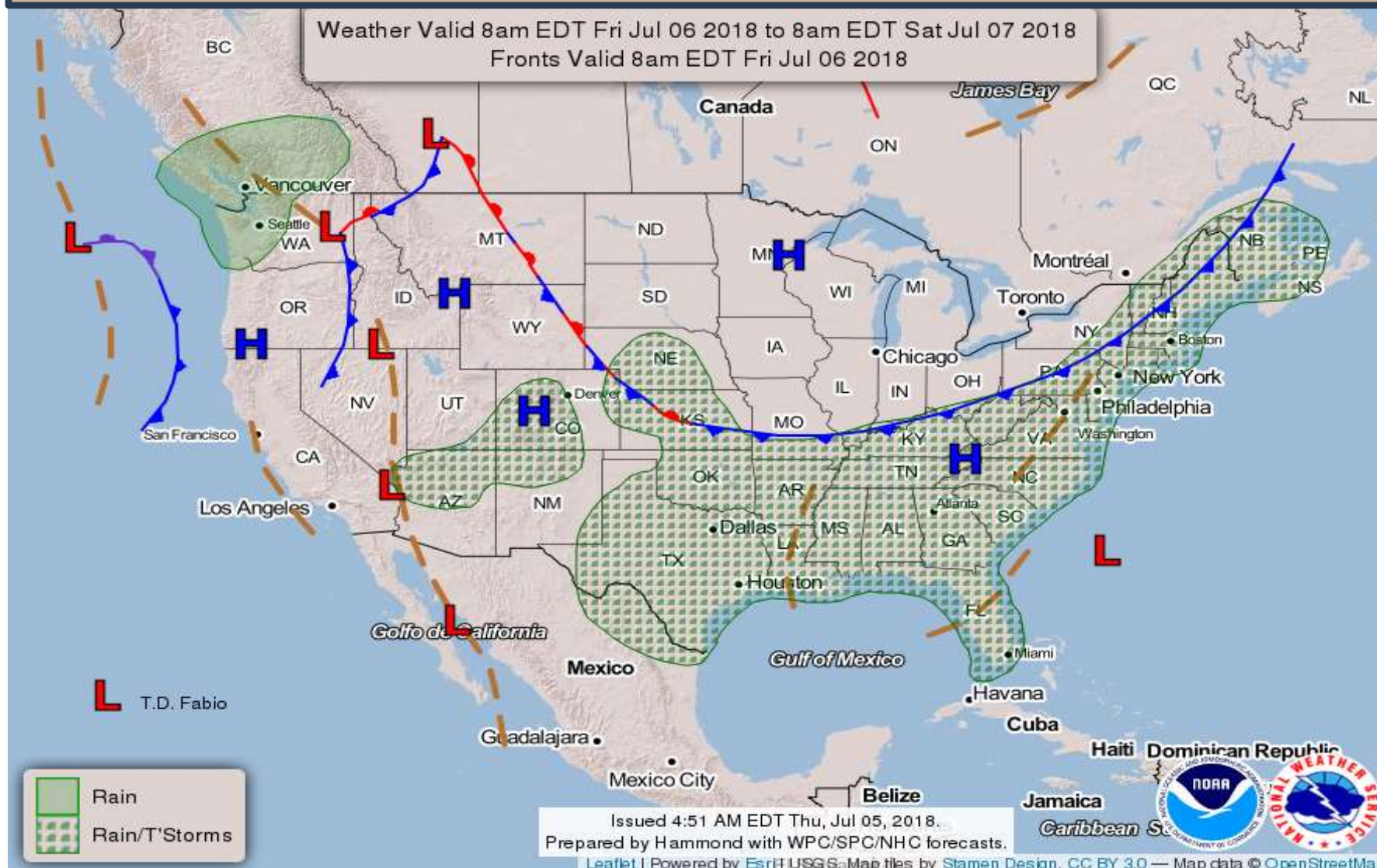


Tomorrow's Weather



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Forecast Chart



Forecast Rainfall



Isolated heavy rainfall/flash flooding N Central NM.

Severe Weather Outlook



Excessive Rainfall Outlook

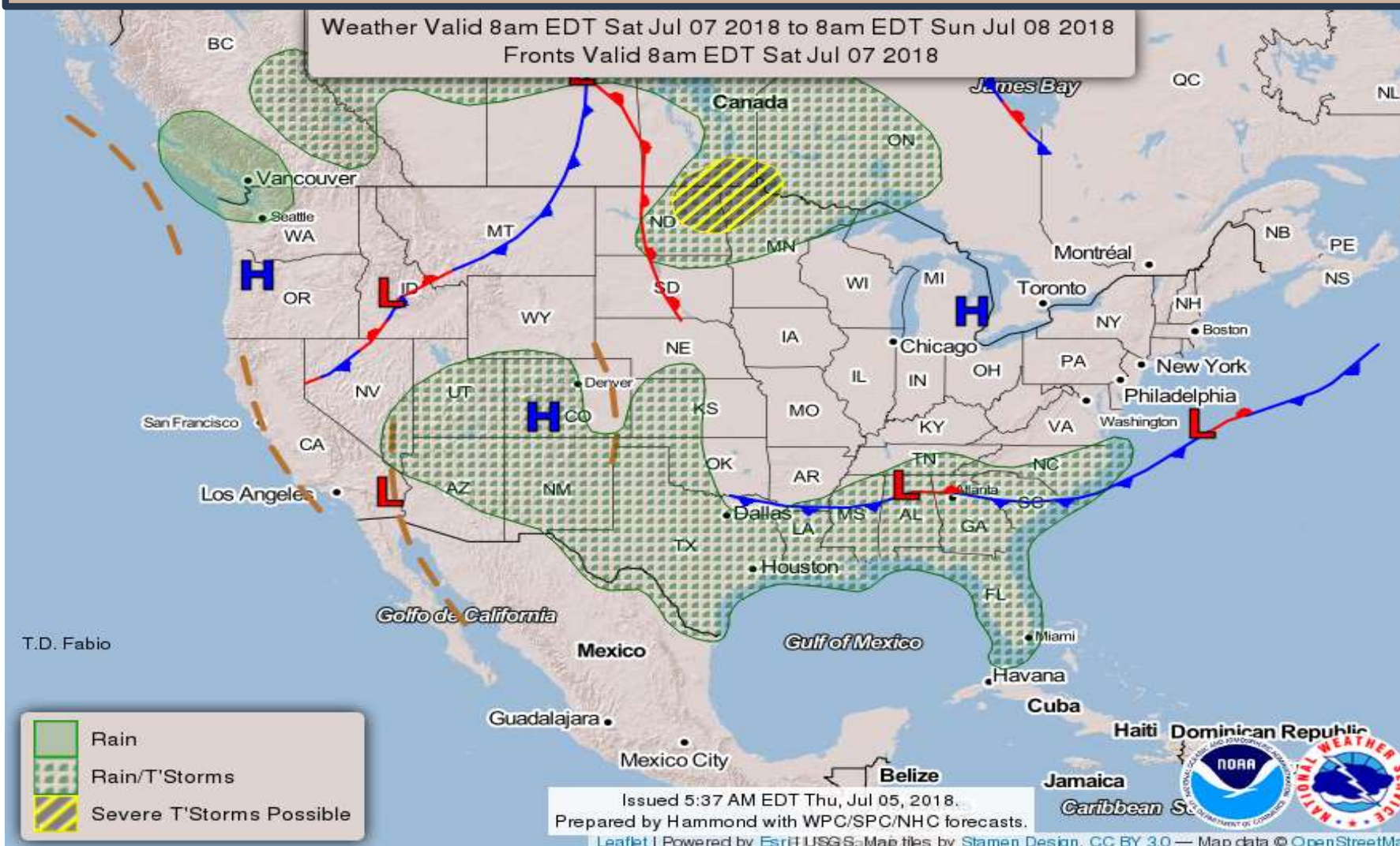


Saturday's Weather

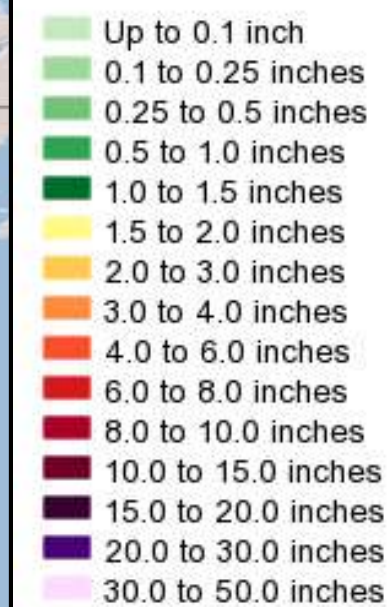


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Forecast Chart

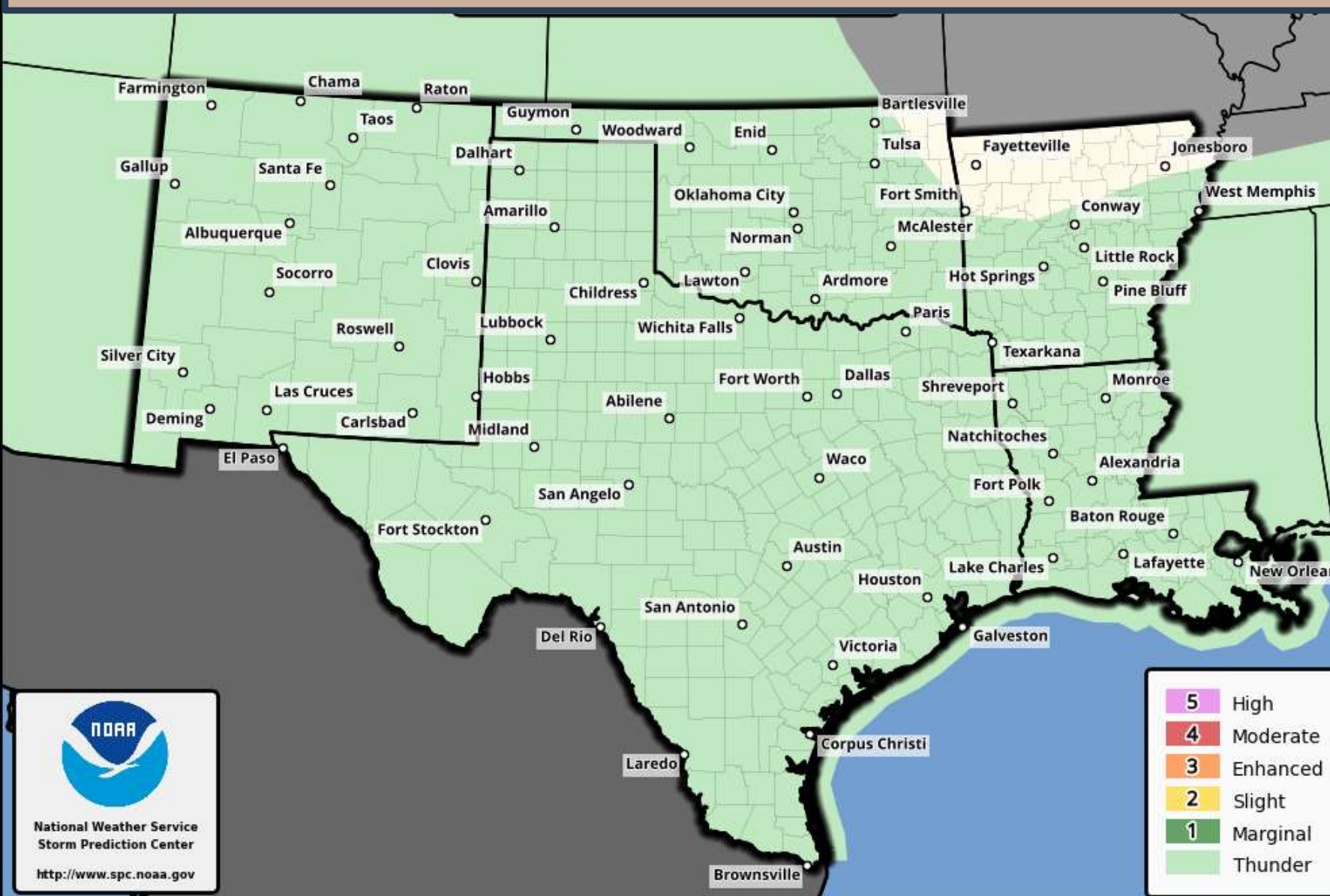


Forecast Rainfall



No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook

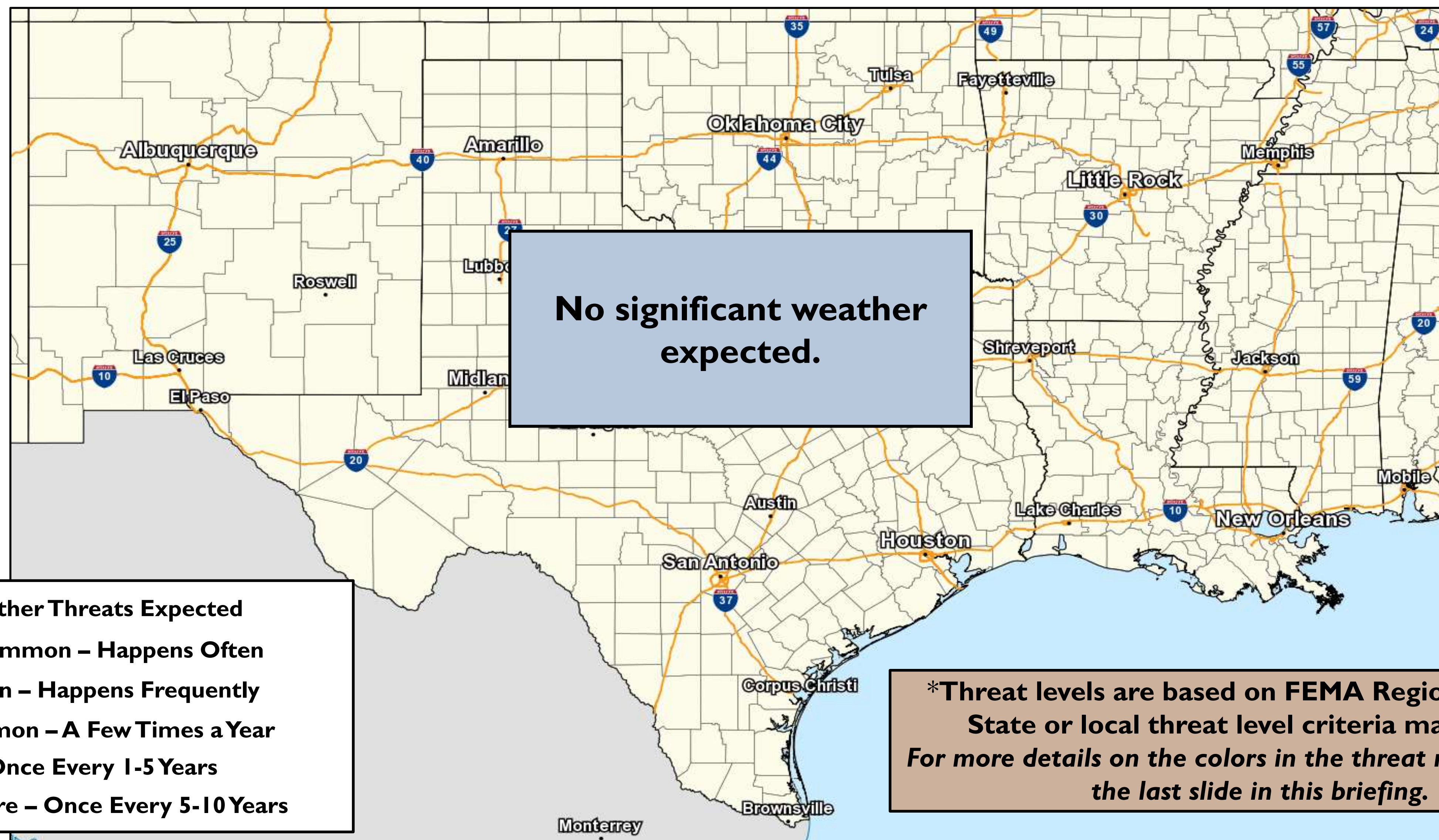


Days 4-5 Weather Hazards

Sunday - Monday



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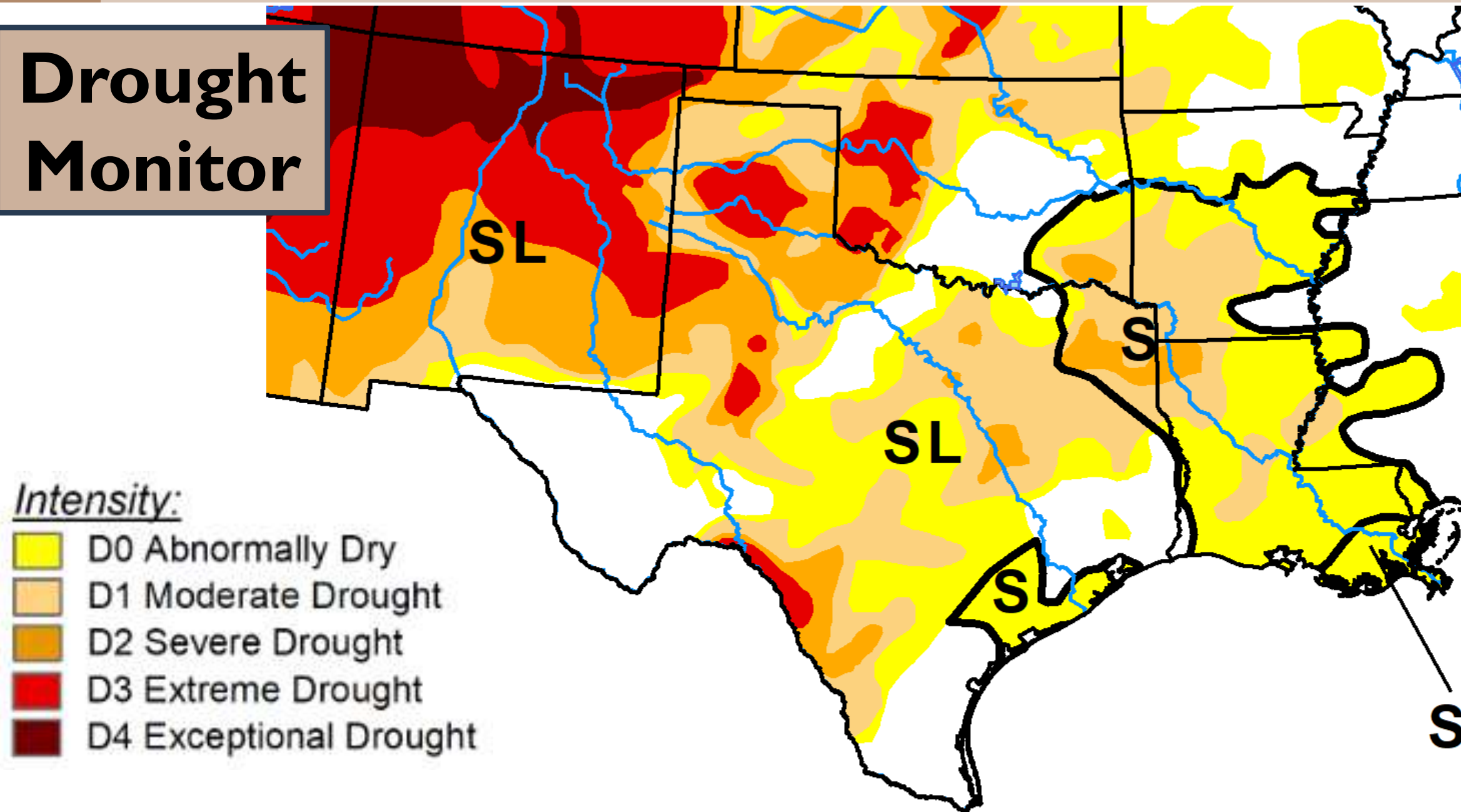
Drought Monitor (Released July 5th, 2018)



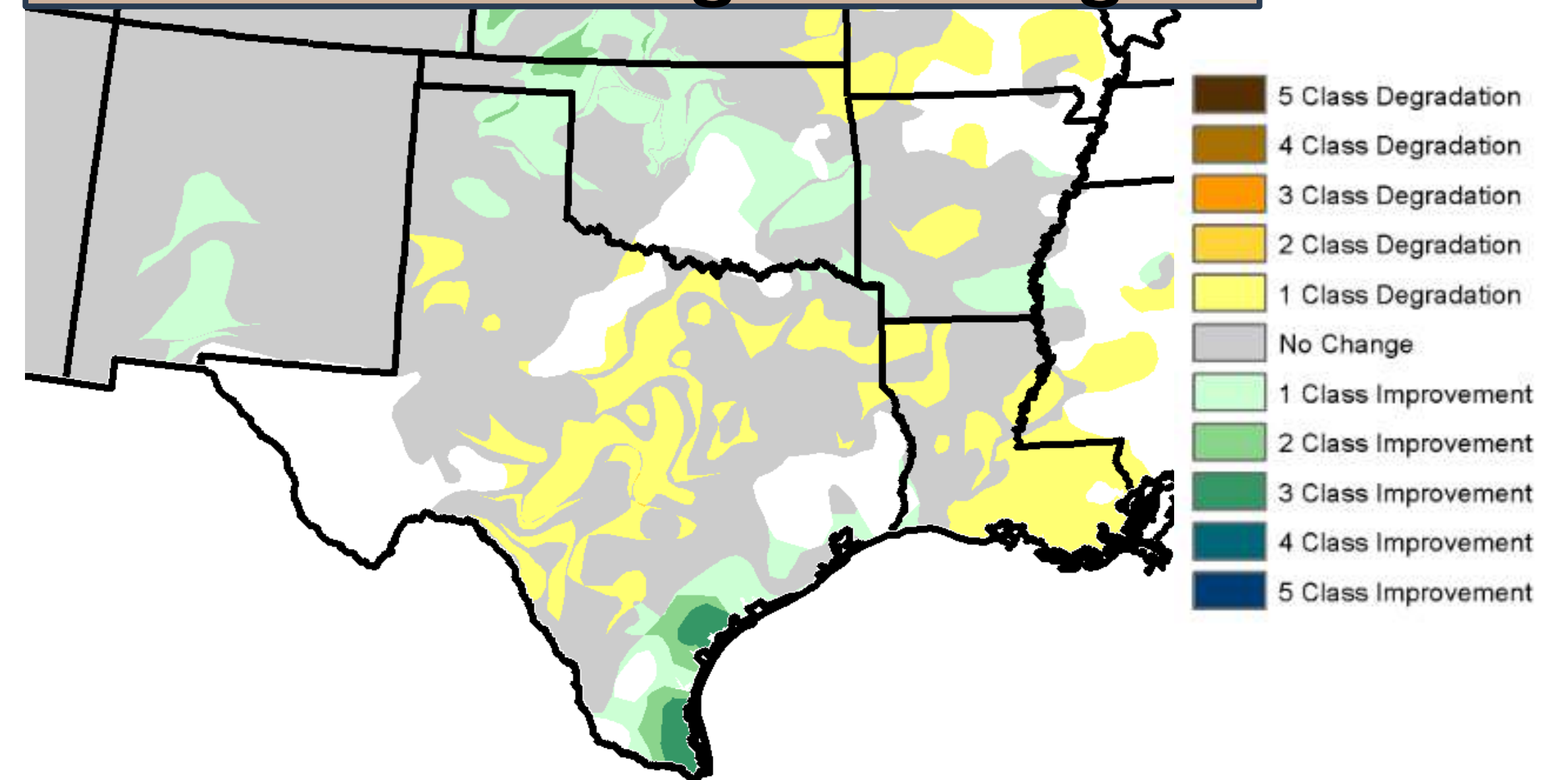
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Data valid as of 7am CDT, Tuesday, July 3rd, 2018

Drought Monitor



One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

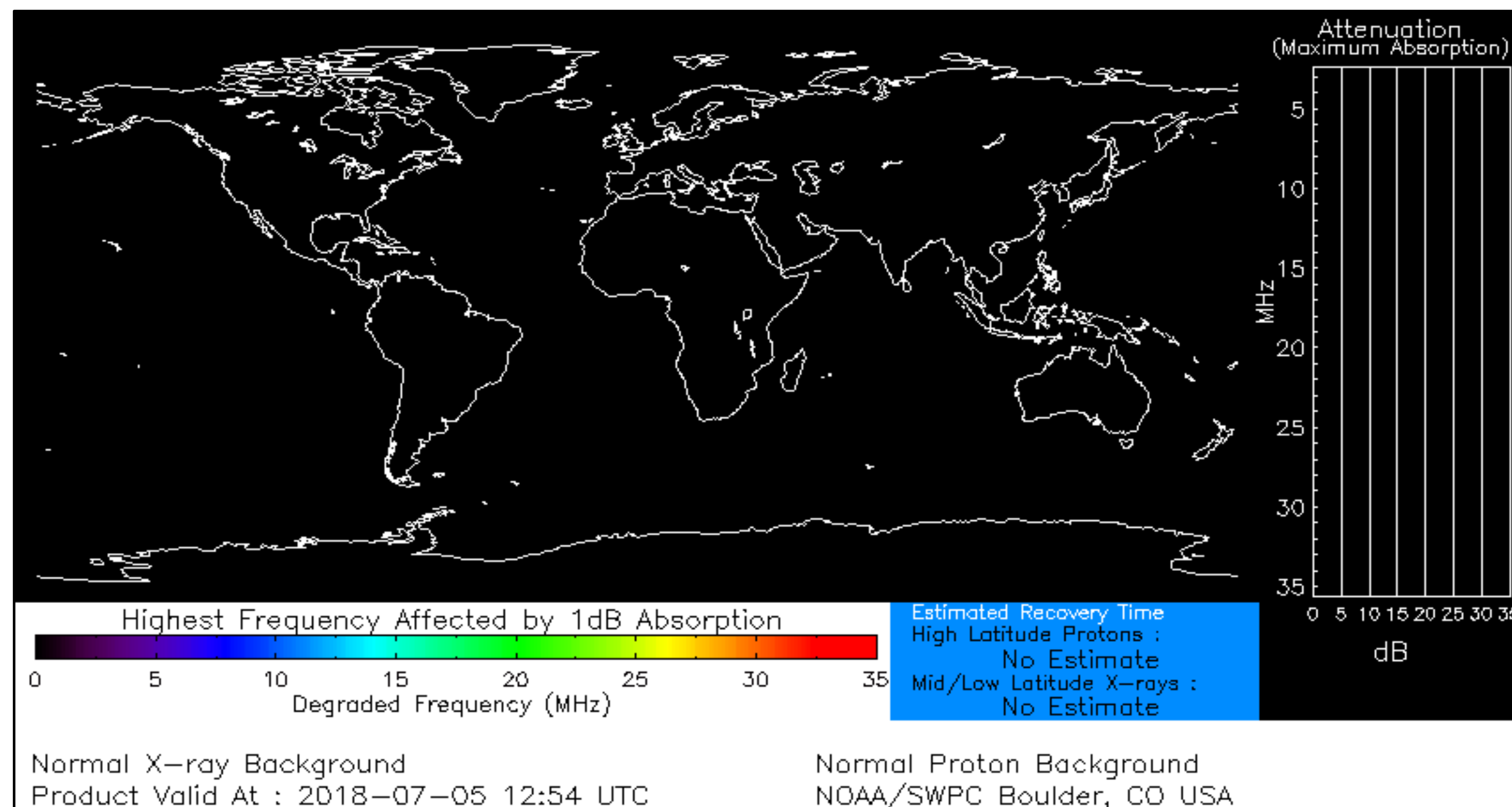
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	8.51%	11.75%	34.85%	0.00%
Texas	6.84%	5.07%	13.21%	0.00%
New Mexico	57.73%	57.73%	38.87%	0.00%

Space Weather 3-Day Forecast



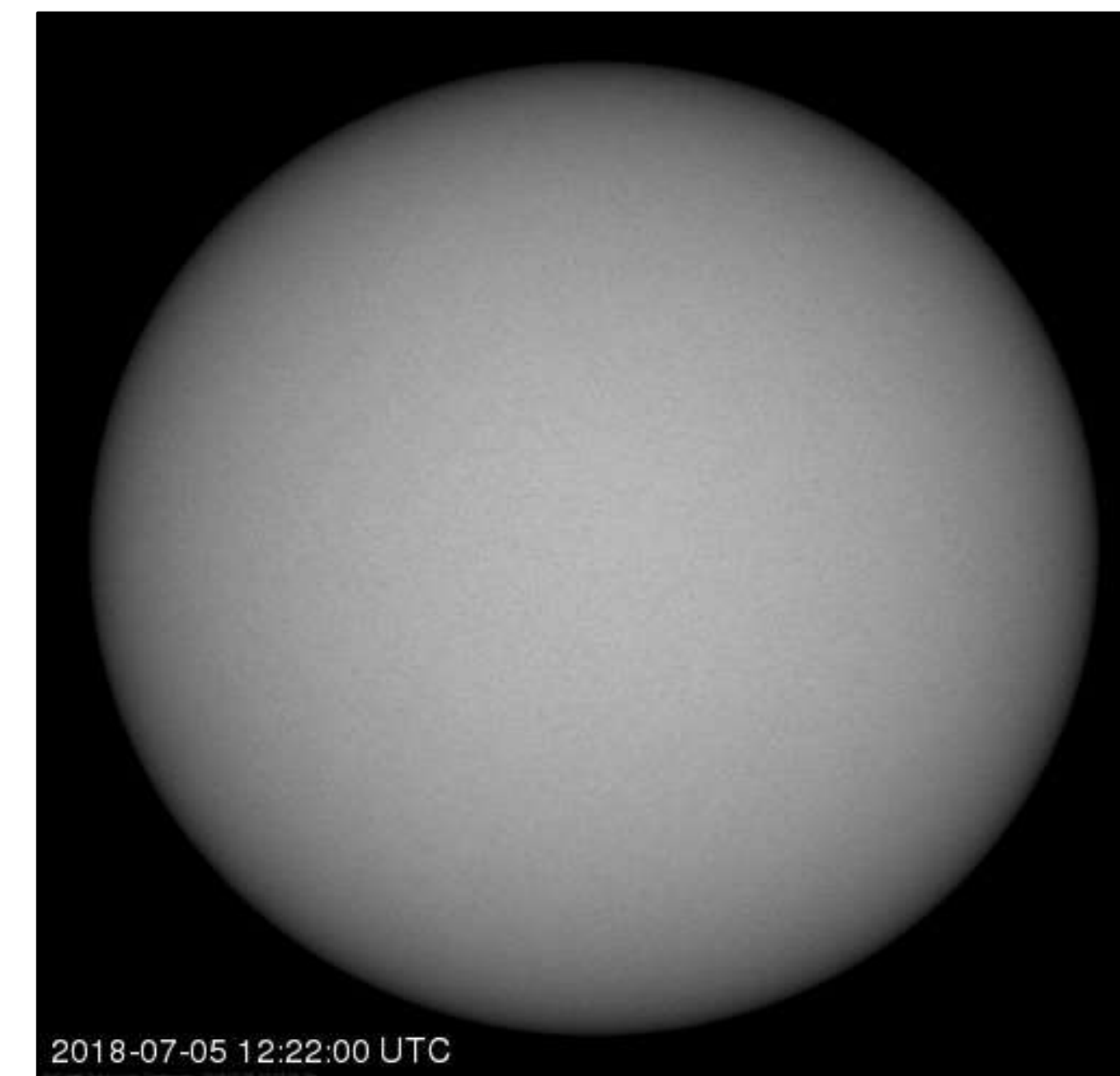
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov